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Albert H. Kruse
Commissioner of Agriculture
State of Montana
Helena, Montana

COMMERCIAL FERTILIZER REPORT

Issued By

P. C. Gaines
Chemistry Department
Montana State College
Bozeman, Montana

The Department of Agriculture, State of Montana, Helena, Montana
and
The Agricultural Experiment Station, Montana State College, Bozeman, Montana

VOLUME IV, PAGE 1, DECEMBER, 1956

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Name and Address of Manufacturer with Brand Name	Place of Collection	Registration No.	% Available Nitrogen (N) Claimed	% Available Nitrogen (N) Found	% Phosphoric Acid (P_2O_5) Total Claimed	% Phosphoric Acid (P_2O_5) Total Found	% Phosphoric Acid (P_2O_5) Available Claimed	% Phosphoric Acid (P_2O_5) Available Found	% Available Potash (K_2O) Claimed	% Available Potash (K_2O) Found
AGRICULTURAL PRODUCTS CORP.										
Webster City, Iowa										
Spread-O-Pak Lawn Fertilizer	†	659								
ALASKA FERTILIZER CO.										
Seattle 1, Washington										
Alaska Fish Fertilizer	Bozeman	‡	5.0	5.4	2.0	2.0	2.0	2.0	2.0	2.4
ALLIED CHEMICAL & DYE										
Hopewell, Virginia										
"Arcadian" Nitrana 2 Solution	†	598								
"Arcadian" Uran Solution 30	†	597								
"Arcadian" Anhydrous Ammonia	†	596								
"Arcadian" Urea 45 Fertilizer Compound (pelleted)	†	595								
AMERICAN CHEMICAL PAINT CO.										
Ambler, Pennsylvania										
Gro-Stuff	†	576								
ANACONDA COMPANY										
Anaconda, Montana										
Anaconda Ammoniated Phosphate 16-8-0	†	631								
Muriate of Potash	†	630								
Anaconda Liquid Phosphoric Acid	†	629								
Anaconda Plantone	†	627								
Anaprills	†	626								
Sulphate of Ammonia	†	621								
Anaconda Treble Superphosphate	Lewistown	624			44.0	46.2	42.0	43.9		
Anaconda Treble Superphosphate	Fairview	624			44.0	46.8	42.0	44.5		
Anaconda Ammoniated Phosphate 10-20-0	Billings	628	10.0	11.3	20.5	22.4	20.0	22.1		
Anaconda Ammoniated Phosphate 10-20-0	Sidney	628	10.0	10.7	20.5	20.5	20.0	19.4		
Anaconda Ammoniated Phosphate 6-30-0	Sidney	623	6.0	7.1	31.0	**25.2**	30.0	**23.9**		
Anaconda Complete Fertilizer 10-18-5	Sidney	622	10.0	10.2	19.0	20.5	18.0	19.2	5.0	6.2
Anaconda Complete Fertilizer 10-18-5	Hamilton	622	10.0	11.1	19.0	23.2	18.0	20.8	5.0	5.0
ARMOUR AND CO.										
Chicago, Illinois										
Vertagreen Complete Plant Food	Billings	‡	5.0	4.8	10.5	11.3	10.0	11.2	5.0	5.8
Vertagreen for Professional Use	Billings	‡	10.0	9.5		8.4	8.0	8.1	6.0	6.3
BORDEN COMPANY, CHEMICAL DIVISION										
New York 17, New York										
Borden's "38"	†	577								
CALIFORNIA SPRAY CHEMICAL CORP.										
Richmond, California										
Ortho Leaf Feed	†	581								
Ortho Lawn Groom	†	580								
Ortho Dry Fertilizer	†	579								
Ortho Ammonium Sulphate	†	675								
Ortho Ammonium Nitrate Ammonia 41 Solution	†	674								
Ortho Anhydrous Ammonia	†	673								
Ortho Brand Nitrogen Solutions	†	672								
Ortho Treble Superphosphate	†	671								
Ortho Superphosphate	†	670								
Ortho 13-39-0 Pelleted Fertilizer	†	668								
Ortho Ammonium Nitrate Fertilizer	†	669								
Ortho Pelleted Superphosphate	†	667								
Ortho Ammonium Phosphate	†	666								
Ortho 16-20-0 Pelleted Fertilizer	†	665								
Ortho-Gro Liquid Plant Food	Bozeman	578	10.0	10.1		4.8	5.0	4.8	5.0	5.0

Violations in Bold Type—See Montana Fertilizer Law, Sec. 4208.11.
†No Sample Obtained.
‡Not Registered.

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			Claimed	Found	Claimed	Found	Claimed	Found	Claimed	Found
H. D. CAMPBELL'S CO.										
Rochelle, Illinois										
Campbell's Gro-Green	Miles City	610	10.0	10.6		15.0	15.0	15.0	5.0	5.3
Campbell's Gro-Green	†	609								
THE COLORADO FUEL & IRON CORP.										
Denver 2, Colorado										
CF & I DAP (Diammonium Phosphate)	†	583								
COMMERCIAL SOLVENTS CORP.										
New York, New York										
Crystallena Ammonium Nitrate Fertilizer	†	607								
CONSOLIDATED MINING & SMELTING CO. OF CANADA, Ltd., Vancouver, B. C., Canada										
Elephant Brand Anhydrous Ammonia	†	646								
Elephant Brand Ammonium Nitrate Phosphate 27-14-0	†	641								
Elephant Brand Ammonium Phosphate Sulfate	Billings	642	16.0	15.8		21.1	20.0	21.0		
Elephant Brand Ammonium Phosphate Sulfate	Wibaux	642	16.0	15.8		21.3	20.0	21.2		
Elephant Brand Ammonium Phosphate Sulfate	Hamilton	642	16.0	16.0		20.8	20.0	20.7		
Elephant Brand Ammonium Nitrate "Nitraprills"	Sidney	645	33.5	33.0						
Elephant Brand Ammonium Phosphate	Miles City	643	11.0	11.2		47.3	48.0	47.0		
Elephant Brand Ammonium Phosphate	Miles City	643	11.0	11.3		48.0	48.0	47.6		
Elephant Brand Ammonium Sulfate	Hamilton	644	21.0	21.2						
E. I. DU PONT DE NEMOURS & CO.										
Wilmington, Delaware										
DuPont Uramite Fertilizer Compound	†	575								
DuPont NuGreen Fertilizer Compound	†	574								
DuPont Soluble Plant Food 19-22-16	†	573								
FARMERS UNION GRAIN & SUPPLY CO.										
Williston, North Dakota										
G.T.A. Treble Superphosphate	Fairview	625			44.0	44.4	42.0	42.6		
FARMERS UNION CENTRAL EXCHANGE										
Billings, Montana										
Coop. Plant Food Treble Phosphate	†	620								
FERRO CORPORATION										
Cleveland, Ohio										
Ferro Agricultural FTE, FN - 502	†	591								
Ferro Agricultural FTE, FN - 501	†	590								
FTE (Fritted Trace Elements)	†	589								
FERTIL POINT CO.										
Seattle, Washington										
Fertil-Points	†	632								
FORWARD HOUSE DIV. OF OLIN MATHIESON CHEM. CORP., New York, New York										
Plantrons	†	649								
GRAND RIVER CHEMICAL DIVISION OF DEERE & CO.										
Tulsa, Oklahoma										
Vitrea 45-0-0	†	633								
THE GRANT COMPANY										
Chicago, Illinois										
Robot Gardener Fertilizer Cartridges 25-20-11	†	661								
Robot Gardener Fertilizer Cartridges 25-20-13	†	582								
HELLER GREENHOUSE LABORATORY										
Colorado Springs, Colorado										
Heller-Gro	†	651								
HYDROPONIC CHEMICAL CO., INC.										
Copley, Ohio										
Hyponex	Bozeman	608	7.0	7.6	6.0	7.4	6.0	7.2	19.0	19.3
IDEAL CEMENT CO.										
Billings, Montana										
Hanover Agricultural Gypsum	†	615								

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			Claimed	Found	Claimed	Found	Claimed	Found	Claimed	Found
LEBANON CHEMICAL CORP. Lebanon, Pennsylvania										
Uni-Form 10-6-4	†	658								
LUCKY PLANT FOODS Duluth 3, Minnesota										
Lucky Plant Food	Bozeman	‡	2.0	2.0	1.0	3.8	1.0	3.5	2.0	5.3
MINNESOTA FARM BUREAU SERVICE CO. St. Paul, Minnesota										
Farm Bureau Flo-Gro	Baker	‡				67.6	62.0	67.4		
MONSANTO CHEMICAL CO. St. Louis 9, Missouri										
Folium	Bozeman	640	20.0	20.0		21.9	20.0	21.9	20.0	19.9
NEZPERCE ROLLER MILLS Lewiston, Idaho										
Double Eagle SM-20 Soil Minerals	†	616								
NORTHRUP KING & CO. Minneapolis, Minnesota										
Northrup King "LawnFood"	†	648								
OLIN MATHIESON CHEMICAL CORP. Little Rock, Arkansas										
Mathieson Anhydrous Ammonia 82%	†	678								
PEAVY FERTILIZER PLANT Fargo, North Dakota										
Peavy Fertilizer	†	660								
PLANTABBS CORPORATION Baltimore 1, Maryland										
Fulton's Plantabbs	Bozeman	650	11.0	11.2		20.1	15.0	20.1	20.0	20.7
PHILLIPS CHEMICAL CO. Bartlesville, Oklahoma										
Phillips 66 Triple Superphosphate	†	614								
Phillips 66 Ammonium Nitrate	†	613								
Phillips 66 Ammonium Sulfate	†	612								
Phillips 66 Anhydrous Ammonia	†	611								
Phillips Aqua Ammonia	†	677								
PLATTE VALLEY FERTILIZER CO. Scottsbluff, Nebraska										
PV Fertilizer 0-0-60	Sidney	634							60.0	58.7
PV Fertilizer 10-20-0	Sidney	636	10.0	10.6		25.3	20.0	23.1		
PV Fertilizer 14-28-0	Sidney	638	14.0	**12.9**		32.1	28.0	30.6		
RA-PID-GRO CORP. Dansville, New York										
Ra-Pid-Gro	†	606								
ROIGINA PRODUCTS Lincoln, Nebraska										
Roigina African Violet Plant Food	Bozeman	‡	11.0	11.2		8.7	4.0	8.7	8.0	11.0
ROSE MANUFACTURING CO. Beacon, New York										
Tri-Ogen Rose Food	Billings	‡	5.0	5.0		12.2	10.0	11.1	5.0	5.7
Tri-Ogen Leaf and Plant Food	Billings	‡	15.0	15.0		32.8	30.0	32.8	15.0	16.2
O. M. SCOTT & SONS CO. Marysville, Ohio										
Scott's Weed and Feed	Bozeman	584	7.0	8.0		11.9	11.0	11.7	5.0	**4.7**
Scott's Turf Builder	Bozeman	585	9.0	9.0		8.7	7.0	8.6	4.0	5.2
Scott's Organic Fertilizer	†	586								
SELSTAD SOIL SERVICE Great Falls, Montana										
Super NPK	†	654								

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					Total		Available			
			Claimed	Found	Claimed	Found	Claimed	Found	Claimed	Found
SHERRITT GORDON MINES LTD.										
Ft. Saskatchewan, Alta., Canada										
Sherritt Brand (ammonium sulphate)	†	605								
SIMPLOT CO., - PLATTE VALLEY FERTILIZER CO.										
Scottsbluff, Nebraska										
P.V. 17-17-0	†	639								
P.V. 14-28-0	†	638								
P.V. 10-20-10	†	637								
P. V. 10-20-0	†	636								
P.V. 8-32-0	†	635								
P.V. 0-0-60	†	634								
J. R. SIMPLOT CO., FERTILIZER DIVISION										
P. O. BOX 912, Pocatello, Idaho										
Simplot Triple Super Phosphate	Sidney	600			45.7	45.0	45.0			
Simplot Triple Super Phosphate	Stevensville	600			45.3	45.0	44.3			
Simplot Red Diamond Superphosphate	Stevensville	663			22.0	20.0	19.8			
Simplot Phosphoric Acid	†	599								
SOHIO CHEMICAL CO.										
Lima, Ohio										
Sohiogen Solution No. 32	†	662								
SPENCER CHEMICAL CO.										
Kansas City, Missouri										
Mr. N (Ammonium Nitrate Fertilizer)	Stevensville	587	33.5	32.8						
STIM-U-PLANT PLANT LABORATORIES, INC.										
Columbus, Ohio										
Stim-U-Plant Plant Tablets	†	652								
SWIFT AND C. PLANT FOOD DIV.										
North Portland, Oregon										
Golden Vigoro Complete Lawn Food	Miles City	602	6.0	6.1	11.4	10.0	9.9	4.0	4.6	
Instant Vigoro	Bozeman	601	19.0	19.0	29.6	28.0	29.6	14.0	**12.5**	
Vigoro plus Chlordane	†	617								
Vigoro	†	604								
Vigoro Complete Rose Food	†	603								
Vigoro Commercial Grower	†	655								
UNITED STATES GYPSUM CO.										
Chicago, Illinois										
Ben Franklin Agricultural Gypsum	†	656								
UNITED STATES STEEL CORPORATION										
San Francisco, California										
U. S. S. Ammonium Sulphate	Billings	‡	20.6	20.7						
VAN CAMP LABORATORIES										
Terminal Island, California										
Sea Pep Fortified Liquid Plant Food	Billings	‡	10.0	10.2	4.8	5.0	4.8	5.0	5.7	
VAN WATERS & ROGERS, INC.										
3950 N. W. Yeon Ave., Portland 10, Oregon										
Guardsman	†	588								
WASATCH CHEMICAL CO.										
Salt Lake City, Utah										
Wasco Brand Morgro	Bozeman	647	6.0	6.9	11.1	10.0	10.4	4.0	4.0	
WESTERN PHOSPHATES, INC.										
Garfield, Utah										
Anchor Brand Ammonium Phosphate	Sidney	619	11.0	10.8	50.8	50.0	50.7			
Treble Superphosphate - Anchor Brand 0-45-0	†	676								
Ammonium Phosphate - Anchor Brand 11-48-0	†	664								
Pelletized Fertilizer - Anchor Brand 16-20-0	†	653								
Treble Superphosphate - Anchor Brand 0-46-0	†	618								
WYOMING GULF SULPHUR CORP.										
Cody, Wyoming										
Wyoming Natural Soilaid	Billings	‡	Claim: 25% total sulphur free and combined							
Gyp-Sul	†	657	Found: 27.9% total sulphur free and combined							

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